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out of the other, and is in a great degree co-relative; and yet they are, in a great measure, antagonistic forces, and it is as useful to recognize them as such, as to note the distinction between leaf—blade and petiole, or liber cells and wood cells. Assuming the distinction between these two forces, we are able to express the true character of this abnormal formation. The reproductive force after influencing structure towards its especial object, had been again subjected by the growth, or, more properly, vegetative force, and it was thus enabled, though in an imperfect manner, to continue in the line of its especial function. Of course all of these distinctive powers in plants come down ultimately to varying phases of nutrition, and in this direction we are to look for the secret whereby nature is enabled to make up the innumerable forms and conditions of living things.

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MARCH 18.

The President, Dr. RUSCHENBERGER, in the chair.

Twenty-nine persons present.

The deaths of the following members were announced: J. B. Knight, E. Spencer Miller, Clement Biddle, Henry J. Williams.

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MARCH 25.

The President, Dr. RUSCHENBERGER, in the chair.

Seventy-three persons present.

A paper entitled "Notes on *Amphiuma*," by Dr. H. C. Chapman, was presented for publication.

Edw. D. Cope was elected to fill a vacancy in the Council, caused by the death of Dr. J. H. McQuillen.

Wm. L. Auchincloss and Joseph Mellors were elected members.

Wm. H. Leggett of New York, John M. Coulter of Hanover, Ind., and George Bentham, F.L.S., of London, were elected correspondents.

The following were ordered to be published:—